

FIGURE 1

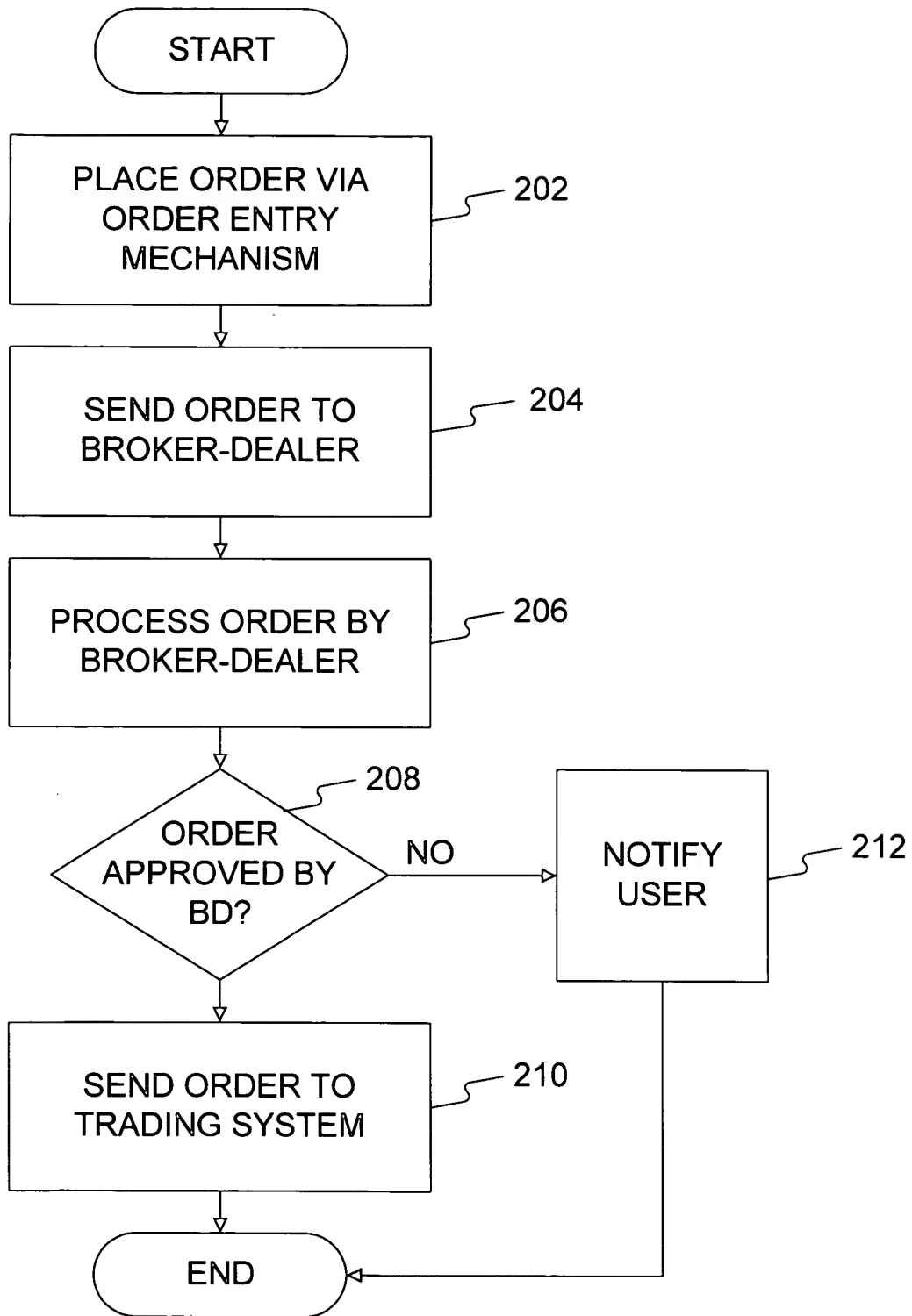


FIGURE 2

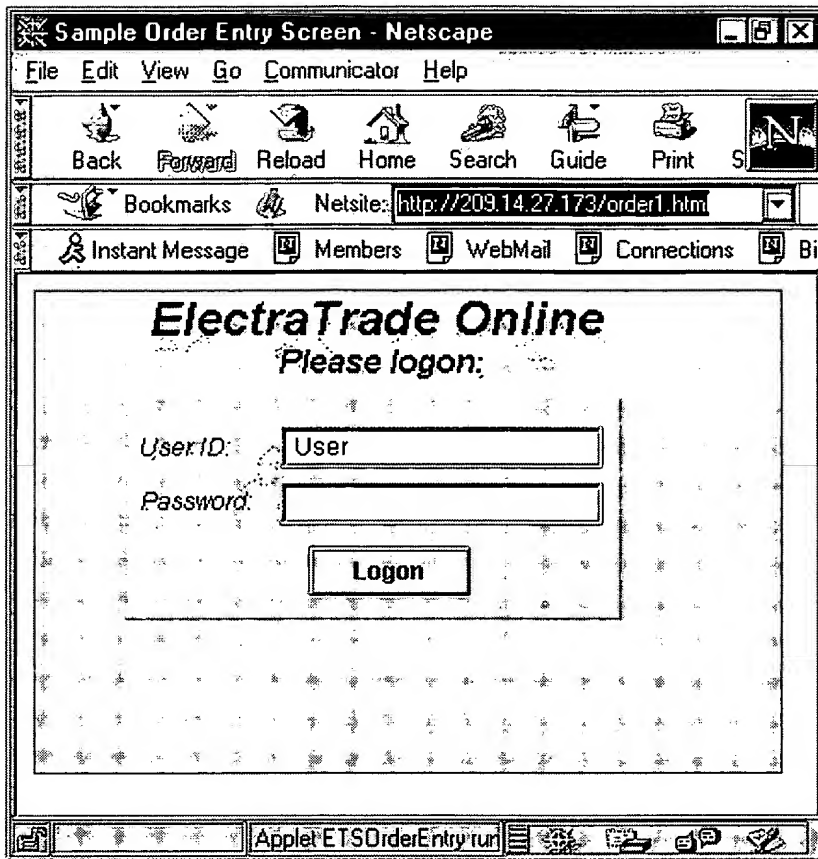


Figure 3a

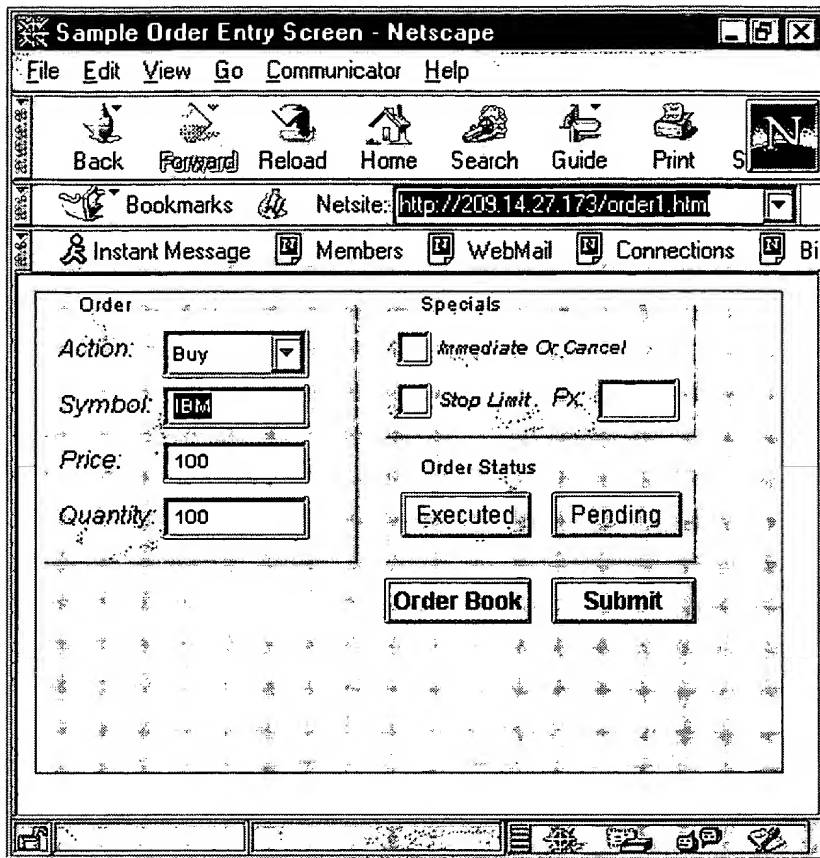


Figure 3b

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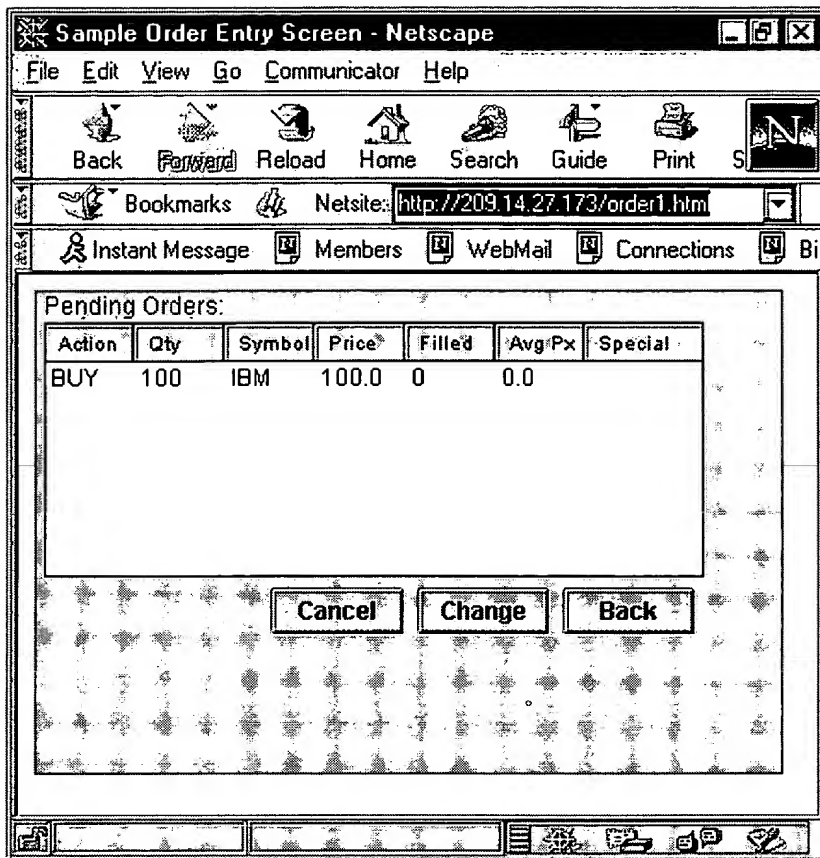


Figure 3c

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graph TD; START([START]) --> 402[RECEIVE ORDER]; 402 --> 404[SEND ORDER TO MATCHING ENGINE]; 404 --> 406[MATCHING ENGINE CHECKS DATABASE FOR OPEN ORDERS]; 406 --> 408{MATCH FOUND?}; 408 -- YES --> 410[REGISTER A MATCH]; 410 --> 412[UPDATE DATABASE]; 408 -- NO --> 414[STORE IN DATABASE AS AN OPEN ORDER]; 414 --> 412; 412 --> END([END]);
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The flowchart illustrates the process of handling an order. It begins with a 'START' terminal, followed by a process block 'RECEIVE ORDER' (402). This leads to 'SEND ORDER TO MATCHING ENGINE' (404), which then leads to 'MATCHING ENGINE CHECKS DATABASE FOR OPEN ORDERS' (406). A decision diamond 'MATCH FOUND?' (408) follows. If the answer is 'YES', the process continues to 'REGISTER A MATCH' (410), then 'UPDATE DATABASE' (412), and finally to the 'END' terminal. If the answer is 'NO', the process goes to 'STORE IN DATABASE AS AN OPEN ORDER' (414), which then merges with the 'UPDATE DATABASE' (412) path before reaching the 'END' terminal.

FIGURE 4

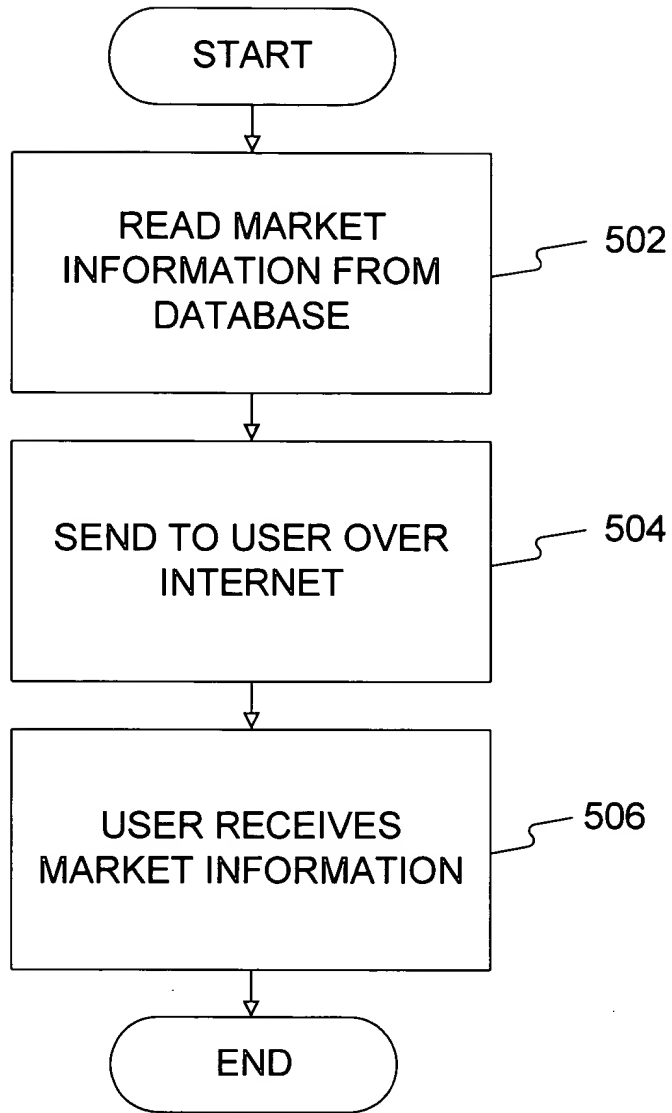


FIGURE 5

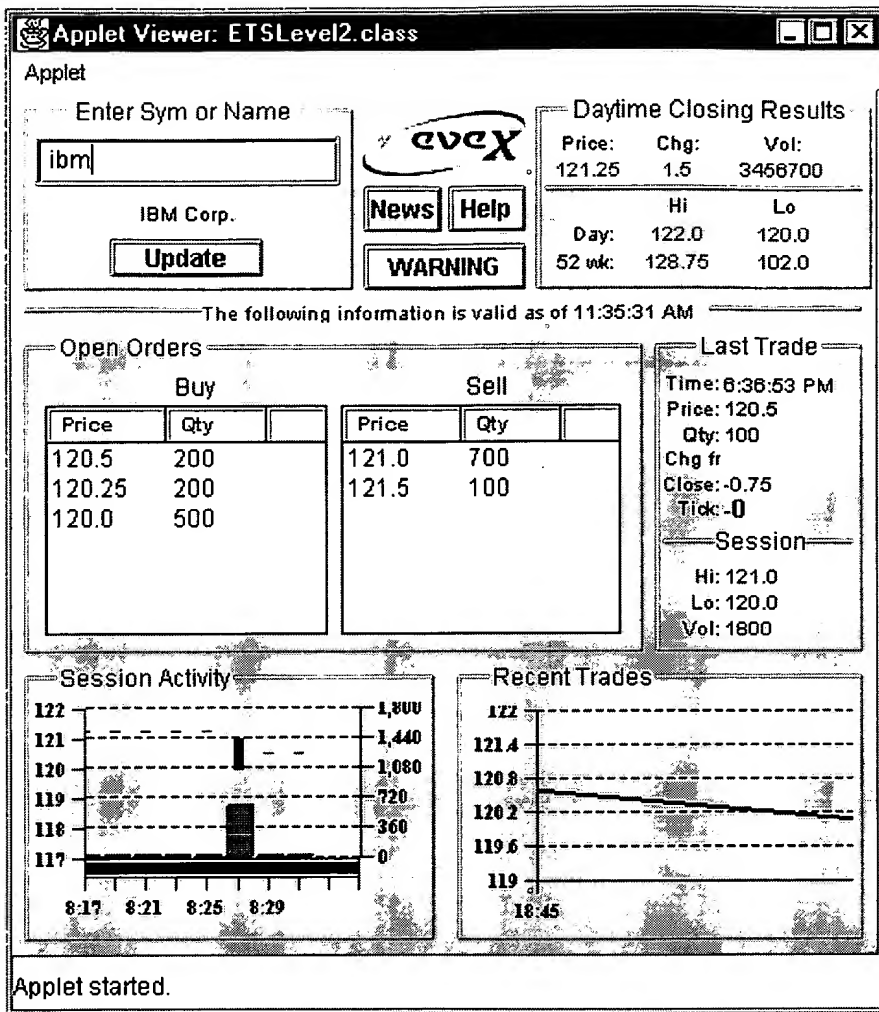


Figure 6